

Serial No: 09/821,722  
Attorney Docket No: 120-042  
Client Ref: 13888ROUS02U

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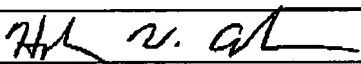
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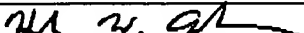
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<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/821,722
		Filing Date	3/29/2001
		First Named Inventor	Martin R. Handforth
		Group Art Unit	2827
		Examiner Name	Norris
Total Number of Pages In This Submission		Attorney Docket Number	120-042
		Nortel Ref:	13888ROUS02U

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Firm or Individual name	Holmes W. Anderson, Reg. No. 37,272 Steubing McGuinness & Manaras LLP
Signature	
Date	November 19, 2004

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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant(s): Martin R. Handforth

Application No.: 09/821722

Filed: 3/29/2001

Title: Signal Layer Interconnects

Attorney Docket No.: 13888R0US02U 120-042

Group Art Unit:  
2827

Conf. No. 4607

Examiner:  
Norris

Commissioner for Patents

P.O. Box 1450

Arlington, VA 22313-1450

RESPONSE AFTER FINALRECEIVED  
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Dear Sir:

Please enter the following Amendment and Remarks in response to the Final Office

Action of September 21, 2004.

**CLAIMS**

1. (currently amended) An interconnection device comprising:

first and second outer layers, each including substrate material; and

at least one inner layer disposed between said first and second outer layers, said inner layer including at least one conductive signal trace disposed on a rigid substrate material proximate to an edge of the interconnection device and being accessible for direct electrical connection with a corresponding exposed signal trace, wherein at least one conductive protrusion is formed on said conductive inner layer trace.